



Speakers' Schedule

SVFIG Meeting February 27, 2016 Fourth Saturday

Coming to SVFIG in March:

- Haiku Monthly
- Google+ Hangout Training

Google+ Hangout

SVFIG will participate in a [Google+ Hangout](#). Its YouTube video stream should let everybody watch this meeting in real-time, while questions and comments can either be posted on Google or emailed to the [SVFIG email list](#). (Contact [Kevin Appert](#) if you would like to be subscribed to the SVFIG email list.)

Future Meeting Dates

SVFIG will meet monthly on the fourth Saturday of each month in 2016 with the following exceptions:

May – no meeting

November (Forth Day) & December – Third Saturday.

Any deviations from the [posted meeting schedule](#) will be announced.

Meetup RSVP

If you are planning to attend this month's meeting, please RSVP on [Meetup.com](https://www.meetup.com). If not, there is no need to offer your regrets.

Notes for First-time Attendees

- 1) Print a Stanford map showing the meeting location, the [Peterson Building](#), so you can find it easily. If you get lost, call Kevin Appert at 650/678-0532
- 2) Browse the [additional meeting information](#).
- 3) Park in one of these suggested locations: along Santa Teresa Street, in the lot near the intersection of [Santa Teresa Street and Lomita Drive](#), or in any "A" or "C" designated areas. There is no need to feed the parking meters on the weekends. Do NOT park in places marked with 24/7 restrictions! Most other spots are okay on Saturdays. **When in doubt, read the signs!**

Links to Other Information

- [Meeting Notes](#) including PowerPoint slides, PDFs, meeting videos, source files, meeting notes, and links from this and previous months' SVFIG meetings, including those from past Forth Days
- [Past Meeting Announcements](#)
- [Other Meeting Details](#)

Meeting Schedule

10:00 --- Coffee and a Chat

10:20 --- VHDL/FPGA implementation of 8080 --- CH Ting

"James Bowman gave a very inspiring talk last month about an 8080 simulator. I thought that if the 8080 were such a simple CPU as he mentioned, I could easily design it in VHDL and FPGA. I am trying to modify my eP16 model to execute the 8080 instruction set and have done most of the VHDL coding. It is much more complicated than what I envisioned, so it will take some time to have it completely debugged."

Please remember that this is a work-in-progress and not a finished project!

11:30 --- Lunch

We will enjoy lunch at the [Treehouse](#)

13:00 --- Introduction, Rumors, Gossip, and New Things

13:30 --- SwapForth on a \$2 WiFi module --- James Bowman

James will describe his port of his SwapForth onto the ESP8266, a self contained SOC with an integrated TCP/IP protocol stack that can give any microcontroller access to a WiFi network. The ESP8266 is capable of hosting an application, such as SwapForth.

14:00 --- Running Pthreads under Gforth --- John E. Harbold

John will present an overview on this topic.

14:30 --- Break

14:40 --- Tethered Forth File System --- Andreas Wagner

"Are you too impatient to re-upload your code or too sophisticated to use block editor? If so, try a tethered Forth File System. With it, you can mount your (small) microcontroller's address spaces as a file system on your (big) computer. DEFER fetch/store and key/emit to run ForthFS over any storage medium or peripheral and through any communications medium."

15:20 --- An Ubuntu Instance on the Web --- Dennis Ruffer

Dennis will talk about <https://koding.com>

"Not a lot to talk about yet another Ubuntu instance, but the fact that it is in the web and doesn't take a virtual machine to run it is intriguing to me. They do have a way to "share" a session with others, which might be interesting if anyone is willing and able to do it with me."

16:00 --- Clean Up and Adjourn

While we try to adhere to the schedule, sometimes a presentation runs long or the presentation start times need to be reassigned. If you're desperate to see a particular presentation at a specific time, please alert us and we'll do our best to accommodate your needs.

This schedule may be reformatted or line-justified, but please transmit it verbatim or preferably provide a link to it.

No Newsgroup posts or other media distribution please!

This schedule document is produced by [Kevin Appert](#), the SVFIG Program Chair and is distinct from the information posted on the SVFIG and FIG websites which are authored by the SVFIG Webmaster, Dave Jaffe. Your comments, corrections, and suggestions are always welcome.

